

## ROCKY FLATS ENVIRONMENTAL TECHNOLOGY SITE REGULATORY CONTACT RECORD

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**Date/Time:** September 2, 2004

**Site Contact(s):** Dyan Foss  
**Phone:** 303-994-0325

**Regulatory Contact:** Edd Kray  
**Phone:** 303-994-2115

**Agency:** CDPHE

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**Purpose of Contact:** Disposition of Building 778

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**Discussion:**

As a result of the 1969 Building 776/777 fire, contamination was spread down the passageway into Building 778. In addition, the 778 laundry facility processed uranium-contaminated protective clothing, and has contamination greater than the unrestricted release limits on some areas of the floor, three small valve pits, and in concrete filled trenches. Removable beta-gamma activity up to 50,000 dpm/100cm<sup>2</sup> and total beta-gamma activity up to 200,000 dpm/100cm<sup>2</sup> has been detected in approximately 5% of the facility.

The majority of the 778 structure including walls, ceiling and miscellaneous components, piping systems, and conduit were not impacted by the fire and will be free-released for demolition with the remaining B778 structure.

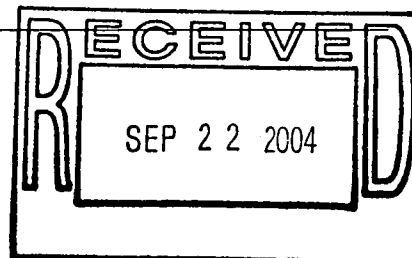
During discussions with CDPHE, it was proposed that the Building 778 laundry, plenum room, and breezeway slab be demolished with the B776/777 demolition. These areas are physically connected to Building 776/777, and were directly impacted by the 1969 fire. In preparation for demolition, these areas will be characterized, encapsulated and painted orange for identification. After the 778 demolition, RISS/ER will remediate the remaining slab and any residual soil contamination using the same controls proven effective in other slab removals

This contaminated component removal is covered in the 707 DOP and the disposition of this area will be documented in a contact record with CDPHE. The proposed approach is consistent with the approach in other facilities where aggressive decontamination methods have taken the contamination into the soils. ER has removed similar slabs and pits with no adverse impacts to the environment.

In addition to this contact record, a memo documenting the areas of residual contamination, commitments and controls will be prepared for the RISS project prior to transferring the facilities for disposition.

Contact Record 4/10/00  
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ADMIN RECORD

B707-A-000113

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Contact Record Prepared By: Dyan Foss

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